

REMARKS

Claims 1-35 are pending in the application.

Attached hereto is a marked-up version of the changes made to the claims by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

Claims 1-3, 11-20, 24-30, 34 and 35, were rejected under 35 U.S.C. § 103(a) as being obvious over *Hirai* (US Patent Number 5,309,502) in view of *Sevic et al.* (US Patent Number 5,069,525).

Claims 4-10, 21-23 and 31-33 were rejected under 35 U.S.C. § 103(a) as being obvious over *Hirai* and *Sevic et al.* in view of *Peterzell et al.* (U.S. Patent Number 5,930,692).

Claim 1, as amended, calls for a radio receiver which includes a control unit which selects, based on a radio signal that has been actually received, a waiting mode corresponding to one of plural types of radio communication modes, and uses an amplifier from plural types of amplifiers corresponding to the selected waiting mode for the corresponding radio communication mode.

These amendments are based on Steps S4-S8 in Fig. 4 of the present invention.

Hirai discloses a cordless telephone having means for enabling a first transmitter to transmit a talking start signal when instructing means instructs a communication start; and means for, in cases where the first transmitter transmits the talking start signal but the detecting means fails to detect the answer signal, enabling a second transmitter to transmit a talking start signal, (see lines 30 - 49 of column 1, lines 34-66 of column 6, and Fig. 3).

In other words, *Hirai* selects one of two transmitters to be used after transmitting the talking start signal and detecting the answer signal for the talking start signal. This means that *Hirai* does not select a waiting mode (or state) corresponding to one of plural radio communication modes, and cannot avoid generating delay time until switching the transmitters.

Sevic does not disclose that the mode select signal is generated based on a received signal that has been actually received, because the structure shown in Fig. 1 of *Sevic* may be applied to a transmitter.

Therefore *Hirai* and *Sevic*, individually or in combination, do not anticipate or render obvious the subject matter of amended claim 1.

Claims 2-16 depend from amended Claim 1, and should be allowed because they recite the additional features.

Hirai and *Sevic*, individually or in combination, also do not anticipate or render obvious each of amended claims 17, 34 and 35 because each of amended claims 17, 34, and 35 has similar additional additional features to amended Claim 1. Claims 18-33 depend from amended claim 17, and should be allowed because they recite the additional features.

In view of the foregoing, it is respectfully submitted that claims 1-35 are allowable over the art.

Reconsideration and allowance are most respectfully solicited.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Account 50-1290.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael I. Markowitz", written over a horizontal line.

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Enclosure: Version with Markings to Show Changes Made

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Claims 1, 17, 34, and 35 have been rewritten as follows:

1. (FOUR TIMES AMENDED) A radio receiver comprising a receiving system for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, said receiving system comprising plural types of amplifiers, each of which corresponds to one of said radio communication modes, each amplifier amplifying a received signal according to said corresponding radio communication mode, said radio receiving system further comprising a control unit which selects, based on a radio signal that has been actually received, [a radio communication mode from said] a waiting mode corresponding to one of said plural types of radio communication modes, and uses an amplifier from said plural types of amplifiers, said amplifier corresponding to the selected waiting mode corresponding to said one of said plural types of [usable] radio communication [mode from said plural types of amplifiers.] modes.

17. (FOUR TIMES AMENDED). A radio receiver comprising:

a reception system for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, in which a single amplifier shared by said radio communication modes is provided for amplifying the received signal; and

a control portion for changing an operating condition of said single amplifier into that adapted to said radio communication mode of a radio signal that has been actually

received, said control portion comprising a control unit, said control unit selecting, based on the radio signal that has been actually received, [a radio communication mode from] a waiting mode corresponding to one of said plural types of radio communication modes, and changing said operating condition of said single amplifier into that adapted to the selected waiting mode corresponding to said one of said plural types of radio communication [mode selected.] modes.

34. (FOUR TIMES AMENDED) A signal amplifying method in a radio receiver for receiving a radio signal according to plural types of radio communication modes, each of which deals with a radio signal having a different power-density spectrum, comprising the steps of:

selecting by a control unit, based on a radio signal that has been actually received, a waiting mode corresponding to one of said plural types of radio communication modes;

selecting by said control unit one of plural types of amplifiers, each of which corresponds to one of said radio communication modes, said selected amplifier corresponding to the selected waiting mode which in turn corresponds to said one of said plural types of radio communication [mode selected;] modes; and

amplifying the received signal using only the selected amplifier of said plural types of amplifiers.

35. (FOUR TIMES AMENDED) A signal amplifying method in a radio receiver for receiving a radio signal according to plural types of radio communication modes, each of

which deals with a radio signal having a different power-density spectrum, comprising the steps of:

selecting by a control unit, based on a radio signal that has been actually received, a waiting mode corresponding to one of said plural types of radio communication modes;

changing by said control unit an operating condition of a single amplifier, which is shared by said radio communication modes, said single amplifier amplifying said received signal, said operating condition being changed into an operating condition adapted to the selected waiting mode corresponding to said one of said plural types of radio communication [mode selected;] modes; and

with said operating condition changed, amplifying said received signal.